

# SYSTEM AND METHOD FOR PROVIDING FAULT-TOLERANT REMOTE CONTROLLED COMPUTING DEVICES

## ABSTRACT OF THE DISCLOSURE

5           A system and method for providing a fault-tolerant remote controlled  
computing device. A multi-tasking operating system and at least one primary  
process are executed on the computing device. A first monitor process  
determines whether any primary process is in a fault state. In response to any  
primary process being in a fault state, the first monitor process resolves the fault  
10   state of each such primary process. In certain embodiments, a local copy of a  
common configuration file and multimedia content are stored on the computing  
device. The computing device polls a server at pre-determined time intervals via  
a public Internet connection for updates to one or more processes, the local copy  
of the common configuration file, and the multimedia content. In response to  
15   updates being available from the server, the computing device downloads one or  
more updates via a fault-tolerant network connection and plays the multimedia  
content based on instructions contained within the local copy of the central  
configuration file. In one configuration, a user-defined notification system is  
provided which allows users to define threshold values. Once the threshold  
20   values are satisfied, one or more users may be notified.